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60/069,750

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12/16/97

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Haines et al.

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#15

(54) **POSTWEANING MULTISYSTEMIC
WASTING SYNDROME AND PORCINE
CIRCOVIRUS FROM PIGS**

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(*) **Notice:** Subject to any disclaimer, the term of this
patent is extended or adjusted under 35
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(21) **Appl. No.:** **10/653,849**

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(57) **ABSTRACT**

The cloning of a novel PCV11 viral genome is described as
is expression of proteins derived from the PCV11 genome.
These proteins can be used in vaccine compositions for the
prevention and treatment of PCV11 infections, as well as in
diagnostic methods for determining the presence of PCV11
infections in a vertebrate subject. Polynucleotides derived
from the viral genome can be used as diagnostic primers and
probes.

10 Claims, 12 Drawing Sheets

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